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(21) International Application Number: CCT/US (22) International Filing Date: d January 2000 ((30) Priority Data: 60/116,835 22 January 1999 (22.0199) (71) Applicant (for all designated States except US): TF ESS ARE STATES OF THE UNITID STATES OF AN as represented by THE SECRETARY OF THE L ESS ARE STATES OF THE SECRETARY OF THE L Genters for Disease Control and Prevention, 255 E Centers for Disease Control and Prevention, 255 E ESS ARE STATES OF THE ST	IE GO'MERIC. DEPAR [US/US] ast Pac US). alph, A 300: orah,	BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, Fl, GB, GD, GE, GH, GM, HR, HU, DI, LN, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, Pl, PT, RO, RU, SD, SE, SG, SL, SK, SL, TI, TM, TR, TT, TZ, UA, UG, US, UZ, VI, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, Fl, FR, GB, GR, IE, TT, LU, MC, NL, PT, SE), OAPI patent (BP, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). **Published** **Published** **With international search report.* **Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.*
[US/US]; 4490 Shendan Chase, Manetta, GA 30067 (US). (74) Agents: SAMPLES, Kenneth, H. et al.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603–3406 (US). (75) Title: METHODS FOR THE PREVENTION AND TREATMENT OF DISEASES CAUSED BY AN INFLAMMATORY RESPONSE MEDIATED BY ENDOGENOUS SUBSTANCE P BY USING ANTI-SUBSTANCE P ANTIBODIES (75) Abstract The present invention provides methods for preventing or treating a disease in a subject which is caused by an inflammatory response to a disease or syndrome which is mediated by endogenous substance P. These methods comprise the administration to the subject of a pharmaceutically-effective amount of anti-substance P antibodies, or anti-substance P antibody fragments, thereby inhibiting the activity of endogenous substance P. in the subject. By inhibiting the activity of endogenous substance P in the subject, the levels of cytokines produced by T lymphocytes present in the subject are reduced, the signals which direntation becomes alteract, and the amount of cytokine-induced inflammation becomes reduced. Respiratory syncytial virus is one example of an agent which causes an infection which often results in a disease caused by an inflammatory response to the infection become altered, and the amount of cytokine-induced inflammation becomes reduced. Respiratory syncytial virus is one example of an agent which causes an infection which often results in a disease caused by an inflammatory response to the infection mediated by endogenous substance P. Generally, from about 0,001 mg to about 10 g of anti-substance P antibodies, or anti-substance P antibodies, or anti-substance P antibodies, or anti-substance P antibody fragments, per kilogram of body weight per day being preferred.		